



Hydraulic
Gear pump

Hydraulic
Vane pump



HYDRAULIC ***PUMPS***







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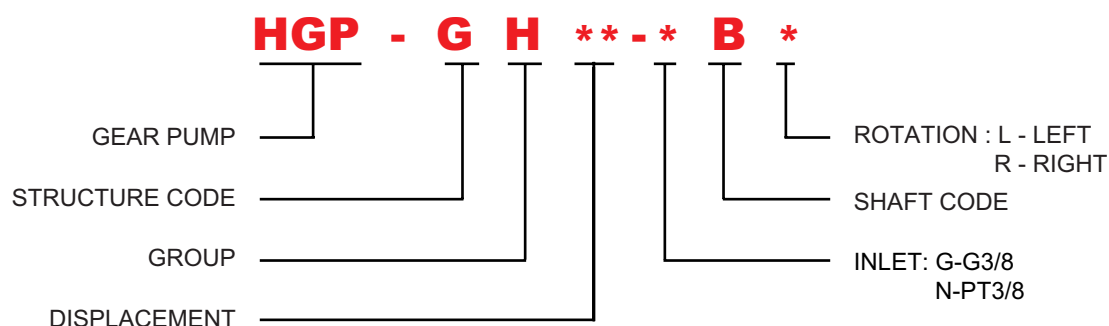
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APPLICATION AND FEATURES

HGP-GH series gear pump is the dynamic component of the hydraulic system. It features high precision gears, high strength aluminium-alloy shell, float bushings, and DU bearings. It has the characteristics of simple structure, light weight, high efficiency, low noise, and high reliability, etc. It is widely used in the hydraulic system of truck, construction machinery, lift and transport machinery, mine machinery, and agriculture machinery, etc.



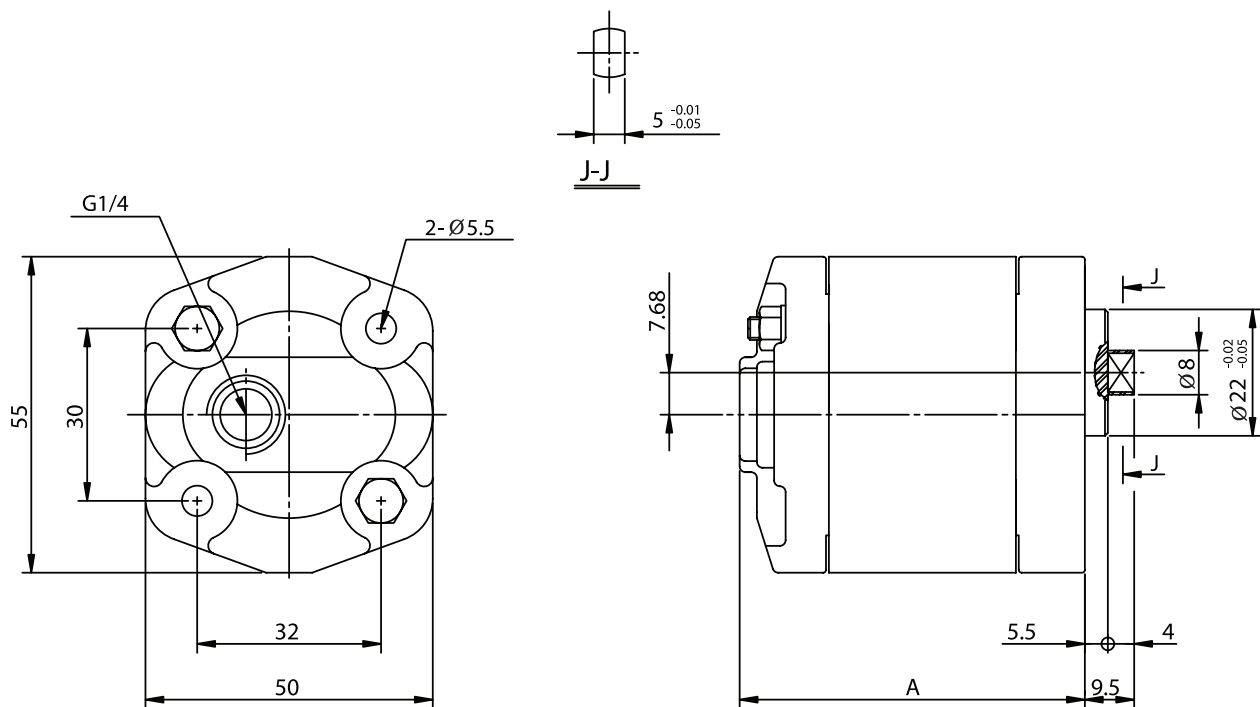
MODEL CODE



SPECIFICATION

Code	Displacement (cc / rev)	Flow ; DC (ℓ/min @2500rpm)	Flow ; AC (ℓ/min @1700rpm)	Max. pressure (bar)	Max.peak pressure (bar)	Max. speed (rpm)	A (mm)
GH02	0.2	0.5	0.3	190	230	7000	58
GH03	0.3	0.7	0.5	190	230	7000	60
GH05	0.5	1.2	0.8	190	230	7000	61
GH07	0.7	1.7	1.1	190	230	7000	64
GH11	1.1	2.7	1.8	190	230	7000	68
GH16	1.6	4.0	2.7	190	230	7000	71

INSTALLATION DIMENSIONS

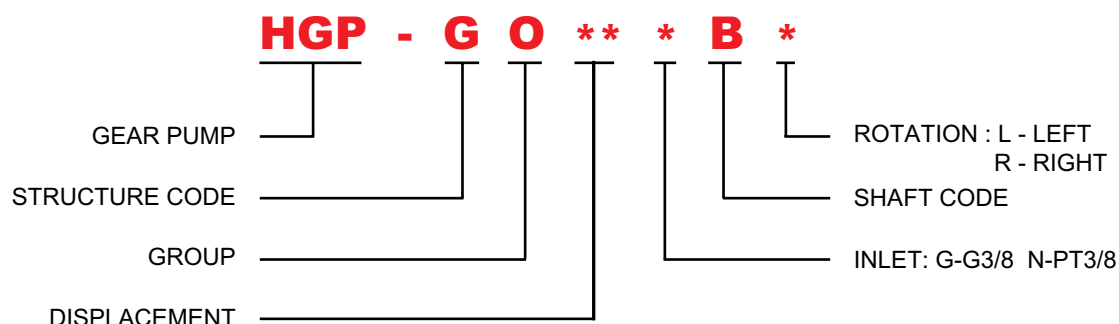


APPLICATION AND FEATURES

HGP-GO series gear pump is the dynamic component of the hydraulic system. It features high precision gears, high strength aluminium-alloy shell, float bushings, and DU bearings. It has the characteristics of simple structure, light weight, high efficiency, low noise, and high reliability, etc. It is widely used in the hydraulic system of truck, construction machinery, lift and transport machinery, mine machinery, and agriculture machinery, etc.



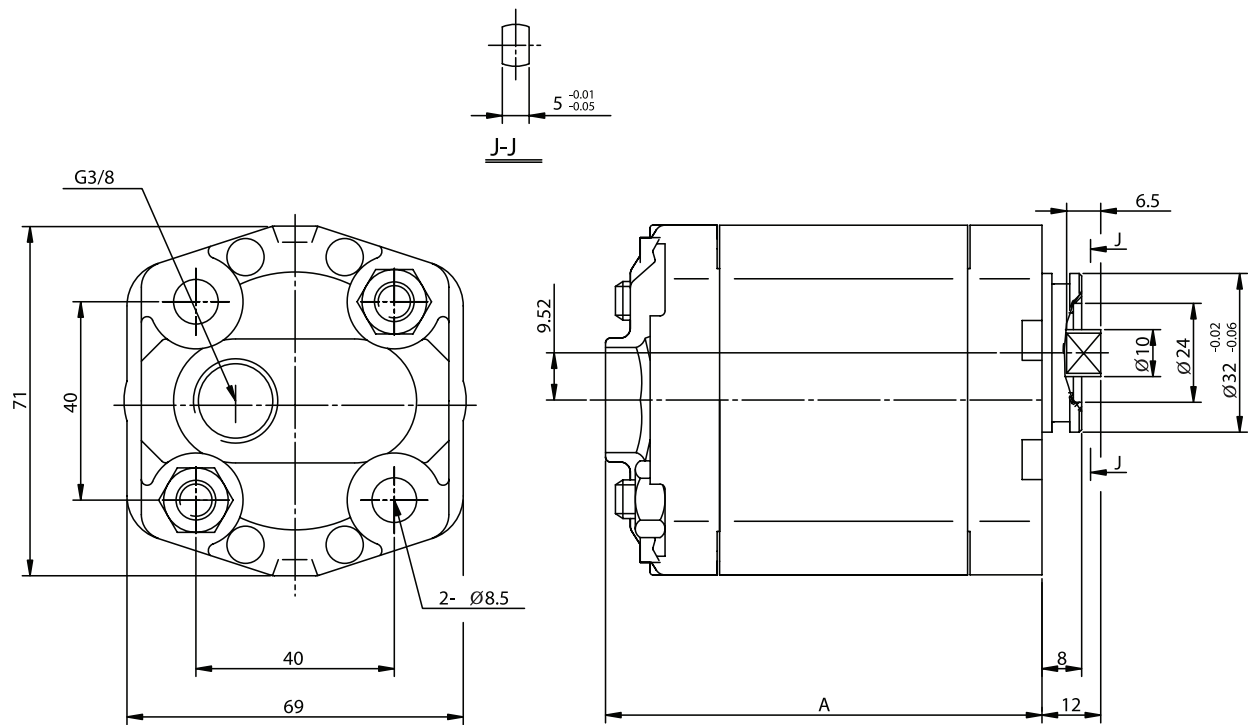
MODEL CODE



SPECIFICATION

Code	Displacement (cc / rev)	Flow ; DC (ℓ/min @2500rpm)	Flow ; AC (ℓ/min @1700rpm)	Max. pressure (bar)	Max.peak pressure (bar)	Max. speed (rpm)	A (mm)
GO11	1.1	2.7	1.8	230	270	6000	74
GO16	1.6	4.0	2.7	230	270	6000	76
GO21	2.1	5.2	3.5	230	270	6000	78
GO23	2.3	5.7	3.9	230	270	6000	79
GO27	2.7	6.7	4.6	230	270	6000	80
GO32	3.2	8.0	5.4	210	250	5000	82
GO37	3.7	9.2	6.2	210	250	4500	84
GO42	4.2	10.5	7.1	210	250	4000	86
GO48	4.8	12.0	8.1	190	230	3500	88
GO58	5.8	14.5	9.8	190	230	3000	92
GO70	7.0	17.5	11.9	190	230	3000	96
GO80	8.0	20.0	13.6	160	200	2100	100
GO98	9.8	24.5	16.6	120	160	2100	102

INSTALLATION DIMENSIONS

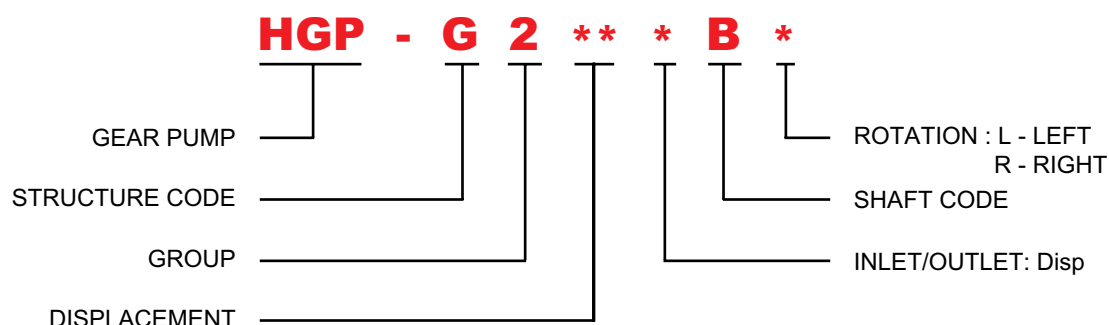


APPLICATION AND FEATURES

HGP-G2 series gear pump is the dynamic component of the hydraulic system. It features high precision gears, high strength aluminium-alloy shell, float bushings, and DU bearings. It has the characteristics of simple structure, light weight, high efficiency, low noise, and high reliability, etc. It is widely used in the hydraulic system of truck, construction machinery, lift and transport machinery, mine machinery, and agriculture machinery, etc.



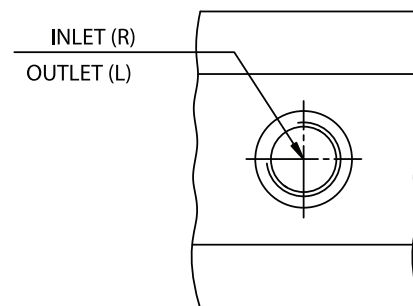
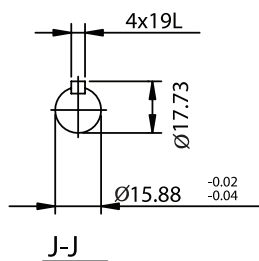
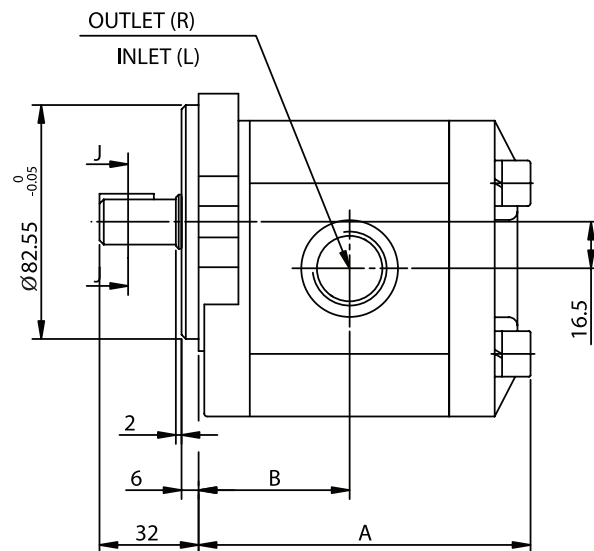
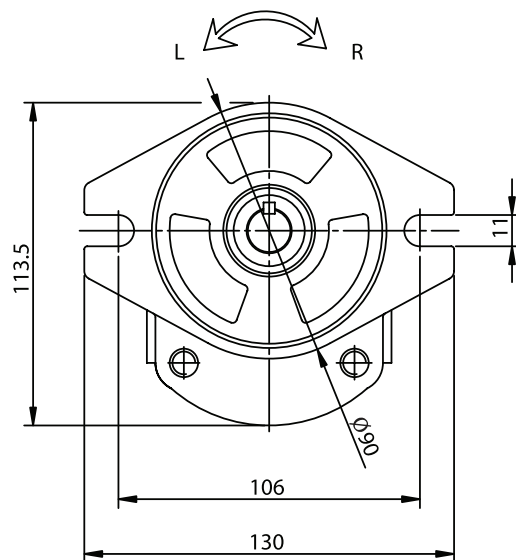
MODEL CODE



SPECIFICATION

Model	Disp. (cc/rev)	Pressure(bar)		Speed(rpm)			Working Oil	Filter Precision (μm)	Oil Temperature ($^{\circ}\text{C}$)
		Rated	Max.	Rated	Max.	Min.			
G204	04	200	280	2000	3000	600	L-HM46 GB/T 7631.2-87	≤ 25	-20~80
G206	06								
G207	07								
G208	08								
G210	10								
G212	12								
G214	14								
G216	16	160	260						
G218	18		230						
G220	20								
G222	22								
G225	25	140	210						
G228	28		200						
G230	30		180						
G232	32								
G234	34								
G236	36	160							

INSTALLATION DIMENSIONS



BACK

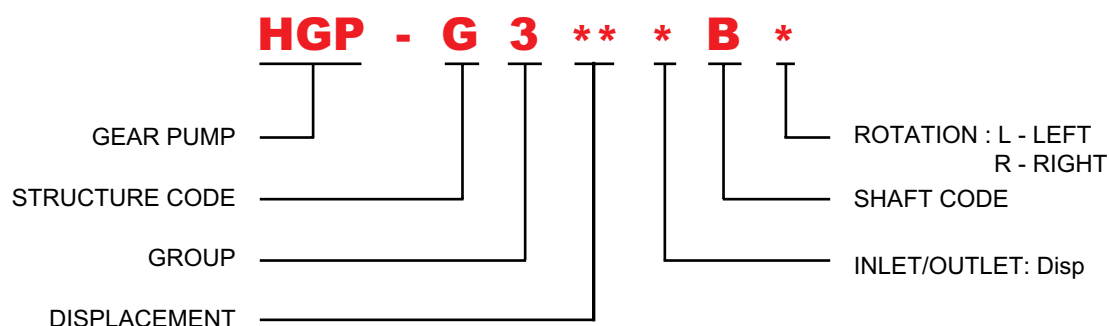
Model	Volumetric Efficiency (%)	Input Power (Kw)	Weight (Kg)	A (mm)	B (mm)	Inlet	Outlet
G204	≥ 93	3.6	2.38	96	44	1/2	1/2
G206		4.7	2.45	98	45		
G207		5.4	2.50	99.5	45.7		
G208		6.3	2.55	101	46.7		
G210		7.8	2.60	104	48		
G212		9.4	2.69	108	50		
G214		10	2.73	110	51	3/4	
G216		11	2.85	114	53		
G218		11.8	2.94	117	54.5		
G220		12.5	3.06	120	56		
G222		13.9	3.13	123	57.5		
G225		15.7	3.27	128	60		
G228		16.8	3.34	133	62.5		
G230		18.1	3.42	136	64		
G232		19.5	3.49	138	65		
G234		20.8	3.61	142	67		
G236		22.1	3.70	145	68.5		

APPLICATION AND FEATURES

HGP-G3 series pump belongs to middle-& high-pressure gear pump and is dynamic component in the hydraulic system. It adopts high precision gears, A1-alloy shell, float axle sleeve and DU bearings. It has characteristics of simple structure, light permanently keeping high volume efficiency and reliable usage, etc. It is widely used in the hydraulic system of engineering machinery hoist and transport machinery, mine machinery, and agriculture machinery.



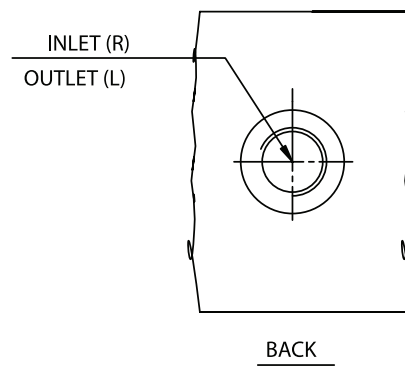
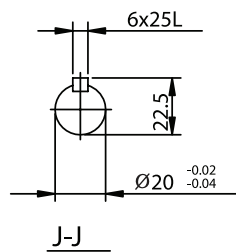
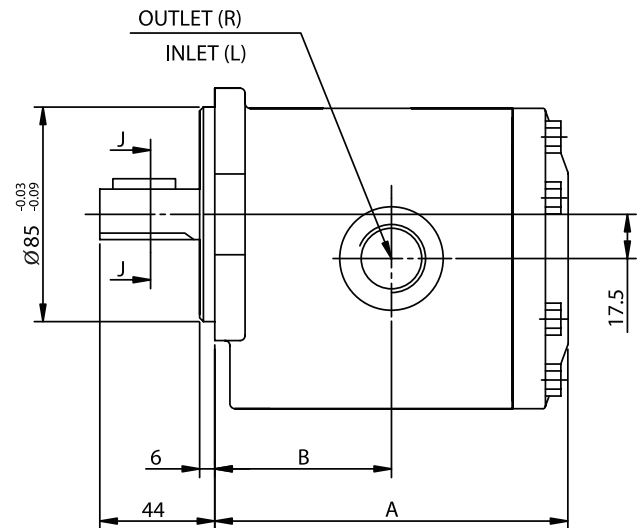
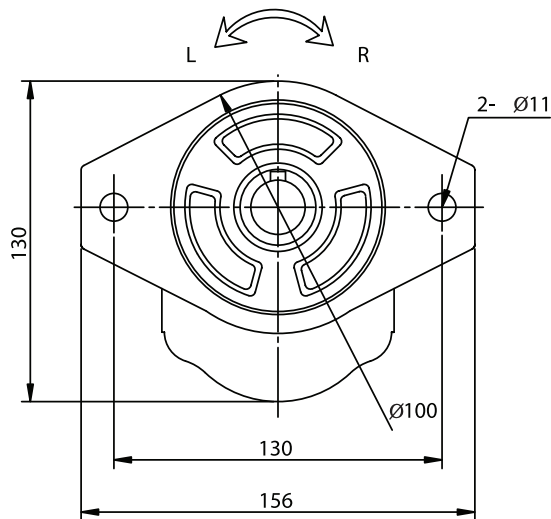
MODEL CODE



SPECIFICATION

Model	Disp. (cc/rev)	Pressure(bar)		Speed(rpm)			Working Oil	Filter Precision (μm)	Oil Temperature ($^{\circ}\text{C}$)
		Rated	Max.	Rated	Max.	Min.			
G310	10	160	200	2500	3000	500	YB-N46 GB2512-81	≤ 25	-20~80
G316	16								
G325	25								
G332	32								
G340	40								

INSTALLATION DIMENSIONS



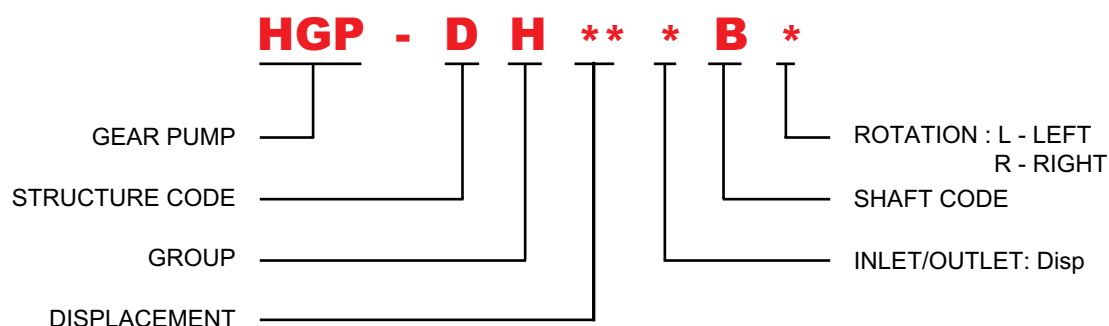
Model	Volumetric Efficiency (%)	Input Power (Kw)	Weight (Kg)	A (mm)	B (mm)	Inlet	Outlet
G310	≥ 93	8.1	3.5	107.4	53	M22×1.5P	M18×1.5P
G316		12.8	3.7	113.5	56	M27×2P	M22×1.5P
G325		20.1	3.9	123.5	63	M33×2P	M27×2P
G332		25.8	4.1	132.5	65		
G340		32.1	4.3	141.5	70		

APPLICATION AND FEATURES

HGP-DH series gear pump is the dynamic component of the hydraulic system. It features high precision gears, high strength aluminium-alloy shell, float bushings, and DU bearings. It has the characteristics of simple structure, light weight, high efficiency, low noise, and high reliability, etc. It is widely used in the hydraulic system of truck, construction machinery, lift and transport machinery, mine machinery, and agriculture machinery, etc.



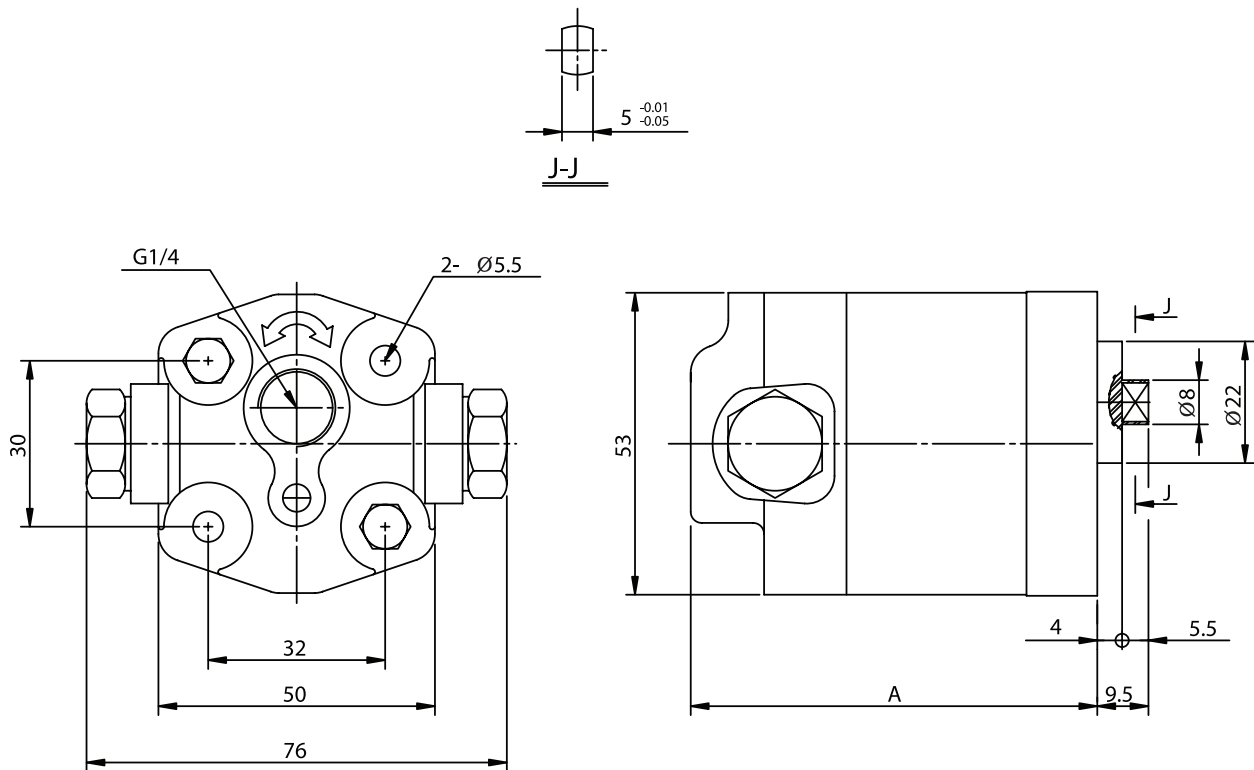
MODEL CODE



SPECIFICATION

Code	Displacement (cc / rev)	Flow ; DC (ℓ/min @2500rpm)	Flow ; AC (ℓ/min @1700rpm)	Max. pressure (bar)	Max.peak pressure (bar)	Max. speed (rpm)	A (mm)
DH02	0.2	0.5	0.3	190	230	7000	61.5
DH03	0.3	0.7	0.5	190	230	7000	63.5
DH05	0.5	1.2	0.8	190	230	7000	66.5
DH07	0.7	1.7	1.1	190	230	7000	68.5
DH11	1.1	2.7	1.8	190	230	7000	74.5

INSTALLATION DIMENSIONS



APPLICATION AND FEATURES

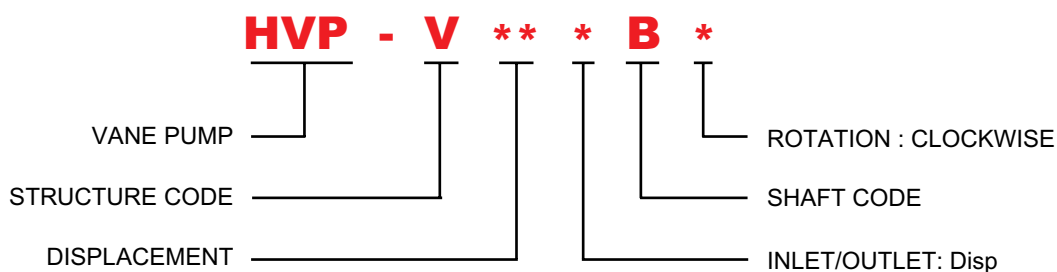
Smooth, quiet operation, particularly suitable for machine tool and in-plant applications. V12, V15, V20 series offer design engineer another opportunity to desing circuits with high efficiency.

Built-in compensator control automatically adjusts pump delivery to system volume requirements at selected pressures. System relief valve is not needed. Horsepower waste is reduced and heat generated is much less than fixed displacement pumps.

Volume control adjustment is standard which permits user to vary maximum pump output.



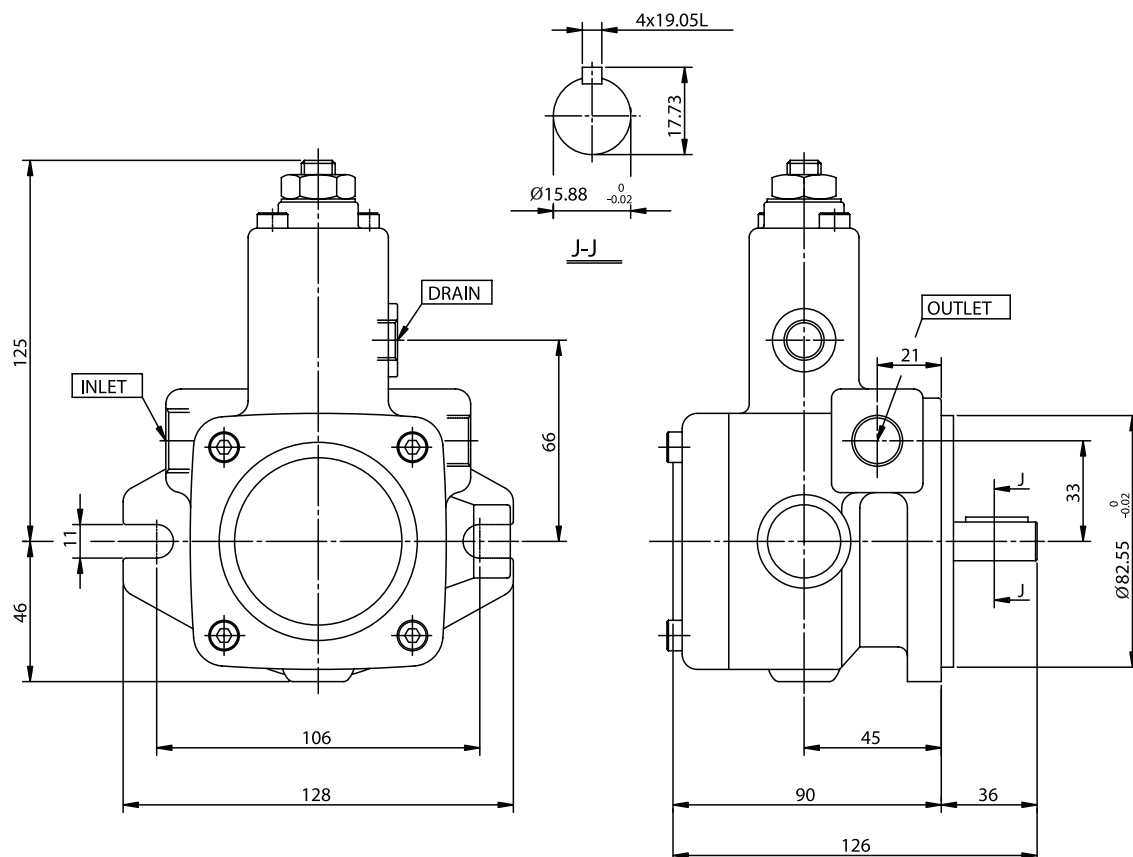
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SPECIFICATION

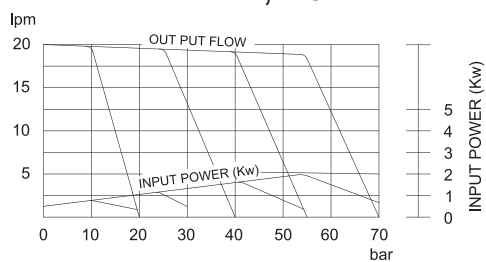
Model	Disp. (ℓ/min)	Rater Pressure (bar)	Speed _(rpm)			Weight (kg)	Filter Precision (μm)	Rotation (CCW not available)
			Rated	Max.	Min.			
V12	12	Rated 70	1800	2200	800	5.2	≤ 25	Clockwise as viewed from shaft end
V15	15							
V20	20							

INSTALLATION DIMENSIONS

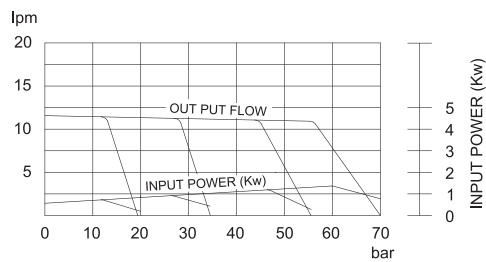


FLOW CHART

HVPV12, 15



HVPV20



Model	Flow (ℓ /min AT 1800rpm)	Rated pressure (bar)	Inlet	Outlet	Drain
V12	12	70	PT 1/2	PT 3/8	PT 1/4
V15	12	70			
V20	12	70			

APPLICATION AND FEATURES

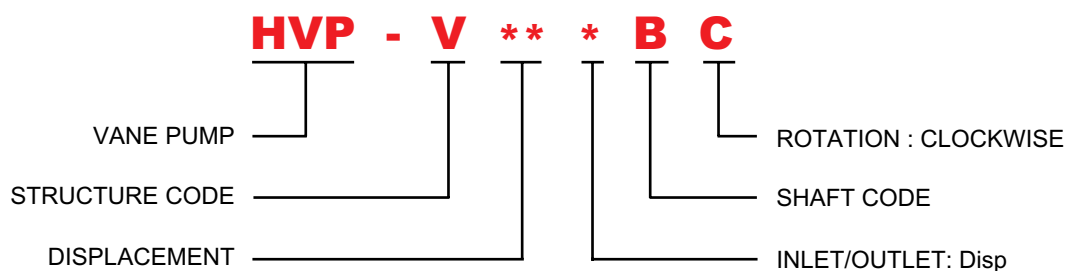
Smooth, quiet operation, particularly suitable for machine tool and in-plant applications. HVPV30, 40 series offer design engineer another opportunity to desing circuits with high efficiency.

Built-in compersnator control automatically adjusts pump delivery to system volume requirements at selected pressures. System relief valve is not needed. Horsepower waste is reduced and heat generated is much loss than fixed displacement pumps.

Volume control adjustment is standart which permits user to vary maximum pump output.



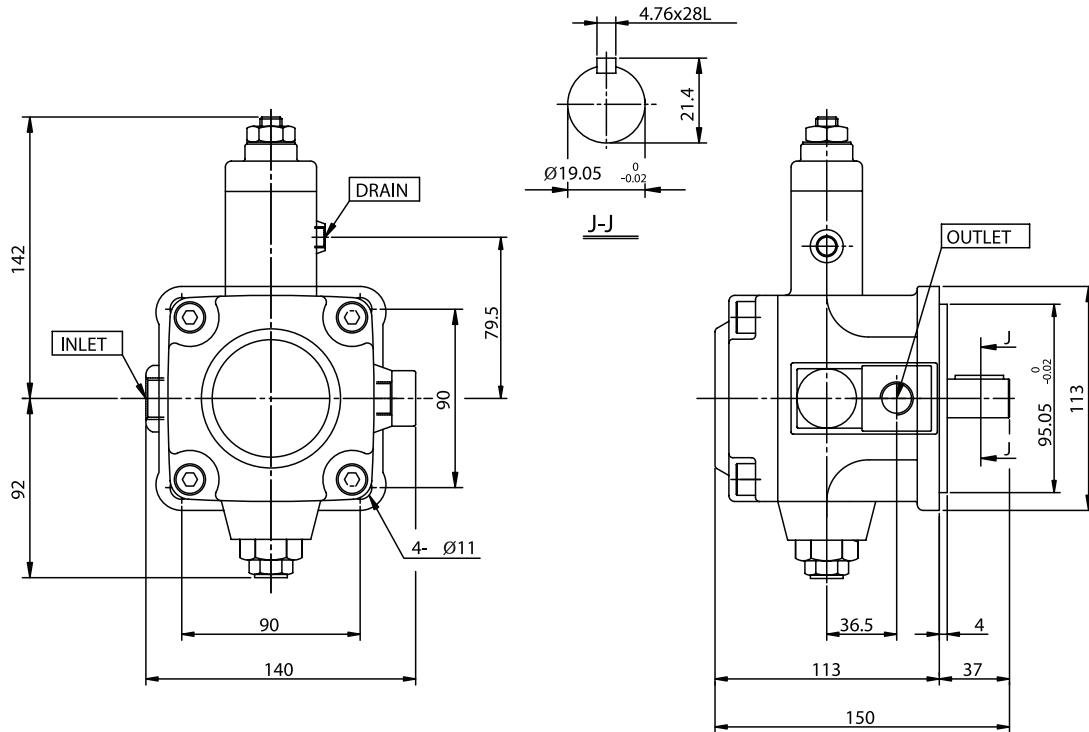
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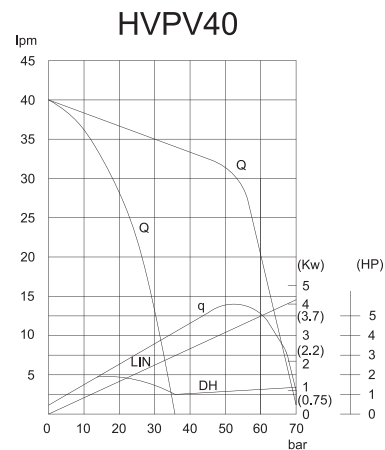
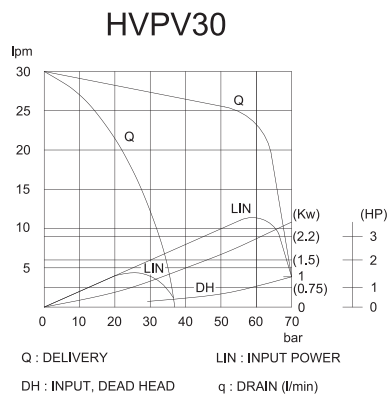
SPECIFICATION

Model	Disp. (ℓ/min)	Rated Pressure (bar)	Speed(rpm)			Weight (kg)	Filter Precision (μm)	Rotation (CCW not available)
			Rated	Max.	Min.			
V30	30	70	1800	2200	600	9.5	≤ 25	Clockwise as viewed from shaft end
V40	40							

INSTALLATION DIMENSIONS



FLOW CHART



Model	Flow (ℓ/min)	Rated Pressure (bar)	Inlet	Outlet	Drain
V30	30	70	PT 3/4	PT 1/2	PT 1/4
V40	40	70			

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